

County of Lincoln — Parts of Lindsey



# ANNUAL REPORT

OF THE

County Medical Officer of Health

for the Year

1943

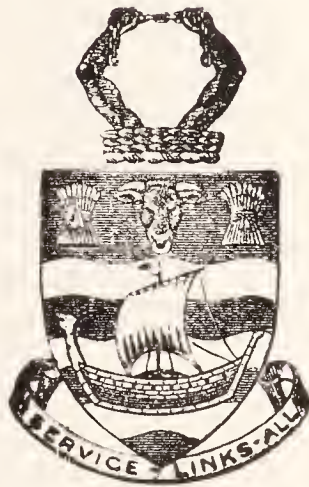
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W. S. H. CAMPBELL, M.B., Ch.B., D.P.H.

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## CONTENTS

	Page
General Statistics      ...      ...      ...      ...      ...	3
Vital Statistics                      ...      ...      ...      ...	3—6
Sanitary Inspection      ...      ...      ...      ...	7
Housing      ...      ...      ...      ...      ...	7
Rural Water Supplies      ...      ...      ...      ...	7
Scavenging      ...      ...      ...      ...      ...	7
Sewerage and Sewage Disposal                      ...      ...      ...	7
Milk (Special Designations) Order, 1936                      ...      ...	7
Food and Drugs Act      ...      ...      ...      ...      ...	8
Infectious Diseases      ...      ...      ...      ...      ...	9
Isolation Hospital Accommodation                      ...      ...      ...	11
Tuberculosis      ...      ...      ...      ...      ...	12
Venereal Diseases      ...      ...      ...      ...      ...	15
Cancer      ...      ...      ...      ...      ...	16
General Hospitals      ...      ...      ...      ...      ...	16
Blind Persons Act, 1920                      ...      ...      ...      ...	16
Mental Deficiency      ...      ...      ...      ...      ...	17
Maternity and Child Welfare      ...      ...      ...      ...	...18—20



## GENERAL STATISTICS

Area of Administrative County	...	...	...	961,278 acres
Population (census 1931)	...	...	...	263,498
Estimated Population 1943	...	...	...	267,300
Number of Inhabited Houses (census 1931)	...	...	...	66,654
Number of Separate families or occupiers (census 1931)	...	...	...	68,121
Average number of persons per house (census 1931)	...	...	...	3.9
Rateable value at 1st April, 1942	...	...	...	£1,286,080
Estimated product of a penny rate, 1943	...	...	...	£5,168
Sanitary Districts				Populations. Estimated (1943)
Municipal Boroughs	3	...	...	} 129,200
Urban Districts	...	9	...	
Rural Districts	...	9	...	
				138,100

## VITAL STATISTICS

### Live Births:—

Legitimate	...	...	...	...	4,704
Illegitimate	...	...	...	...	390
			Total	...	5,094
Birth Rate per 1,000 population	...	...	...	...	19.06

### Still Births:—

Legitimate	...	...	...	...	123
Illegitimate	...	...	...	...	18
			Total	...	141
Rate of still births per 1,000 total births	...	...	...	...	26.93
Deaths:—	...	...	...	Total	3,265
Crude death rate per 1,000 population	...	...	...	...	12.21

### Deaths from Diseases and accidents of Pregnancy and Childbirth:—

From Sepsis	...	...	...	...	4
Other causes	...	...	...	...	7
Maternal Death Rate per 1,000 total births	...	...	...	...	2.1
Deaths of Infants under 1 year of age	...	...	...	...	236

## Death Rate:—

All Infants per 1,000 live births	...	...	46.33
Legitimate Infants per 1,000 legitimate live births			45.49
Illegitimate Infants per 1,000 illegitimate live births			56.41
Deaths from Heart Disease	...	...	802
Deaths from Cancer	...	...	466
Deaths from Tuberculosis:—			
(a) Pulmonary	...	...	106
(b) Other forms	...	...	33

## LIVE BIRTHS, 1943

Districts	Total Births	Legitimate	Illegitimate
<b>URBAN</b>			
Alford	30	25	5
Barton-on-Humber	110	103	7
Brigg	74	68	6
Cleethorpes Borough	488	455	33
Gainsborough	299	277	22
Horncastle	67	58	9
Louth Borough	164	152	12
Mablethorpe	93	83	10
Market Rasen	38	35	3
Scunthorpe Borough	970	911	59
Skegness	181	155	26
Woodhall Spa	30	27	3
Aggregate Urban Districts	2544	2349	195
<b>RURAL</b>			
Glanford Brigg	638	587	51
Caistor	211	194	17
Gainsborough	200	182	18
Grimsby	182	170	12
Horncastle	225	208	17
Isle of Axholme	210	194	16
Louth	271	250	21
Spilsby	399	366	33
Welton	214	204	10
Aggregate Rural Districts	2550	2355	195
Whole County	5094	4704	390

## STILL-BIRTHS, 1943

Districts	Legitimate	Illegitimate	Total
URBAN			
Alford .....	—	—	—
Barton-on-Humber .....	3	—	3
Brigg .....	1	—	1
Cleethorpes Borough .....	13	3	16
Gainsborough .....	8	1	9
Horncastle .....	1	1	2
Louth Borough .....	10	2	12
Mablethorpe and Sutton .....	1	—	1
Market Rasen .....	—	—	—
Scunthorpe Borough .....	24	4	28
Skegness .....	5	1	6
Woodhall Spa .....	—	—	—
Aggregate Urban Districts .....	66	12	78
RURAL			
Glanford Brigg .....	12	3	15
Caistor .....	5	—	5
Gainsborough .....	6	—	6
Grimsby .....	5	—	5
Horncastle .....	1	1	2
Isle of Axholme .....	6	—	6
Louth .....	7	—	7
Spilsby .....	8	1	9
Welton .....	7	1	8
Aggregate Rural Districts .....	57	6	63
Whole County .....	123	18	141

### Causes of all Deaths in the County at Different ages—1943

Causes of Death	0-1	1-5	5-15	15-45	45-65	65	Total
1. Typhoid and Paratyphoid Fevers	—	—	—	—	—	—	—
2. Cerebro Spinal Fever	1	1	—	2	1	—	5
3. Scarlet Fever	—	1	—	—	—	—	1
4. Whooping Cough	8	1	—	—	—	—	9
5. Diphtheria	—	2	2	—	1	—	5
6. Tuberculosis of the Respiratory System	—	—	2	70	27	7	106
7. Other forms of Tuberculosis	2	6	7	11	4	3	33
8. Syphilitic Disease	—	—	—	2	7	8	17
9. Influenza	5	1	1	4	19	74	104
10. Measles	—	1	2	—	—	—	3
11. Ac. Polio-Myel. and Polio-Enceph.	—	—	—	—	—	—	—
12. Ac. Inf. Enceph.	—	—	—	3	2	1	6
13. Cancer of Buc. Cav. and Oesoph. Uterv.	—	—	—	6	18	27	51
14. Cancer of Stomach, Duodenum	—	—	—	4	26	40	70
15. Cancer of Breast	—	—	—	5	24	23	52
16. Cancer of all other Sites	—	1	1	21	83	187	293
17. Diabetes	—	—	—	2	6	20	28
18. Intra-Cranial Vascular Lesions	—	—	—	3	51	271	325
19. Heart Disease	—	—	—	18	164	620	802
20. Other Dis. of Circ. System	—	—	—	—	16	79	95
21. Bronchitis	5	—	—	7	39	110	161
22. Pneumonia	36	3	2	10	23	51	125
23. Other Respiratory Diseases	—	—	—	5	10	21	36
24. Ulcer of Stomach, Duodenum	—	—	—	3	6	8	17
25. Diarrhoea, under 2 years	6	1	—	—	—	—	7
26. Appendicitis	1	—	—	2	5	2	10
27. Other Digestive Diseases	3	1	2	8	28	41	83
28. Nephritis	—	—	1	12	25	57	95
29. Puerperal & Post-Abort. Sepsis	—	—	—	4	—	—	4
30. Other Maternal Causes	—	—	—	7	—	—	7
31. Premature Birth	67	—	—	—	—	—	67
32. Con. Mal. Birth Inj. Infant Disease	80	3	3	1	—	—	87
33. Suicide	—	—	—	8	11	8	27
34. Road Traffic Accidents	—	2	9	10	10	4	35
35. Other Violent Causes	8	10	10	33	21	41	123
36. All other Causes	14	6	4	31	57	264	376
Total	236	40	46	292	684	1967	3265



Causes of Death in each District in the County at all Ages 1943

DISTRICT	Typhoid and Para-typhoid Fever	Cerebro-spinal Fever	Scarlet Fever	Whooping Cough	Diphtheria	Tuberculosis of Respiratory System	Other Forms of Tuberculosis	Syphilitic Diseases	Influenza	Measles	Acute Polio Myel. and Polio Enceph.	Acute Inf. Enceph.	Cancer of B. Cav. and Oesoph. (M) Uterus (F)	Cancer of Stomach and Duodenum	Cancer of Breast	Cancer of all other Sites	Diabetes	Intra. Cran. Vasc. Lesions	Heart Disease	Other Diseases of Circulatory System	Bronchitis	Pneumonia	Other Respiratory Diseases	Ulcer of Stomach and Duodenum	Diarrhoea under 2 years	Appendicitis	Other Digestive Diseases	Nephritis	Puer. and Post-Abort. Sepsis	Other Maternal Causes	Premature Birth	Con. Mal. Birth Inj. Infant Disease	Suicide	Road Traffic Accidents	Other Violent Causes	All other Causes	No. of Deaths
URBAN																																					
Alford	—	—	—	—	—	1	—	—	—	—	—	—	—	2	1	5	—	4	10	2	3	2	—	1	—	—	1	—	—	—	1	1	—	—	—	10	44
Barton-on-Humber	—	—	—	—	—	2	—	—	2	—	—	—	1	1	—	7	—	8	16	2	4	—	—	—	—	1	—	7	—	—	—	1	2	2	2	9	67
Brigg	—	—	—	—	—	1	1	—	6	—	—	—	2	1	1	6	—	4	9	3	5	2	—	2	—	—	2	—	—	—	—	—	—	2	1	10	58
Cleethorpes Borough	—	1	1	4	—	13	3	7	5	—	—	—	7	10	3	26	1	25	74	10	27	12	4	1	2	—	9	2	—	—	5	8	4	4	34	41	343
Gainsborough	—	—	—	—	1	7	3	—	9	—	—	1	1	1	6	22	1	30	53	7	16	8	2	5	—	1	6	6	—	—	2	10	2	—	6	18	224
Horncastle	—	—	—	1	2	1	—	—	1	1	—	—	2	1	—	2	—	11	20	2	3	5	—	—	—	—	1	—	1	1	2	2	—	2	11	72	
Louth Borough	—	—	—	—	—	10	3	3	1	—	—	1	2	4	5	9	1	20	45	3	4	5	2	—	—	—	2	5	1	1	4	4	—	—	2	19	156
Mablethorpe & Sutton	—	—	—	—	—	1	—	—	1	—	—	1	2	1	3	7	1	4	12	3	1	2	1	1	—	—	2	1	—	—	—	3	—	1	8	6	62
Market Rasen	—	—	—	—	—	1	2	—	5	—	—	—	—	2	—	1	—	3	8	—	3	1	—	—	—	—	1	—	—	—	3	—	—	—	1	6	37
Scunthorpe Borough	—	1	—	1	1	13	6	3	11	1	—	1	9	9	2	28	3	36	87	13	23	28	8	1	1	—	9	14	—	1	13	13	1	4	10	38	389
Skegness	—	2	—	—	—	7	—	1	2	—	—	—	3	—	1	13	2	8	32	1	5	5	1	1	1	—	2	4	—	—	2	2	—	1	1	7	104
Woodhall Spa	—	—	—	—	—	—	—	—	1	—	—	—	—	1	1	2	—	3	9	2	1	1	—	—	—	—	—	—	—	—	—	—	—	2	3	3	29
Total	—	4	1	6	4	57	18	14	44	2	—	4	29	33	23	128	9	156	375	48	95	71	18	12	4	2	32	42	1	3	31	44	11	16	70	178	1585
RURAL																																					
Glanford Brigg	—	1	—	1	1	10	2	1	15	—	—	—	4	3	6	33	4	35	66	14	15	15	2	—	1	1	12	16	—	1	8	5	4	3	10	35	324
Caistor	—	—	—	—	—	4	2	—	7	—	—	1	—	4	1	13	—	16	47	5	2	3	2	—	—	—	7	3	—	1	7	8	—	2	10	22	167
Gainsborough	—	—	—	—	—	3	1	—	10	—	—	—	1	6	1	11	1	10	34	6	3	6	2	—	—	1	2	5	—	2	—	3	1	1	2	12	124
Grimsby	—	—	—	—	—	4	2	—	2	—	—	—	2	4	2	8	2	9	31	4	1	5	1	1	—	2	3	5	—	—	1	6	1	2	5	16	119
Horncastle	—	—	—	—	—	—	1	—	6	—	—	—	2	3	6	15	—	18	37	4	5	5	1	1	—	1	6	1	—	—	—	4	4	2	1	16	139
Isle of Axholme	—	—	—	—	—	5	—	—	6	—	—	—	—	5	—	21	1	25	44	4	14	3	3	—	—	—	4	8	1	—	4	5	—	1	4	18	176
Louth	—	—	—	—	—	7	—	1	2	—	—	—	3	3	2	18	4	13	56	5	10	5	1	1	—	1	6	2	2	—	8	3	—	1	7	27	188
Spilsby	—	—	—	1	—	13	6	1	7	1	—	1	8	7	4	27	5	31	64	4	10	6	5	2	—	2	7	6	—	—	5	6	6	4	8	33	280
Welton	—	—	—	1	—	3	1	—	5	—	—	—	2	2	7	19	2	12	48	1	6	6	1	—	2	—	4	7	—	—	3	3	—	3	6	19	163
Total	—	1	—	3	1	49	15	3	60	1	—	2	22	37	29	165	19	169	427	47	66	54	18	5	3	8	51	53	3	4	36	43	16	19	53	198	1680
Administrative County	—	5	1	9	5	106	33	17	104	3	—	6	51	70	52	293	28	325	802	95	161	125	36	17	7	10	83	95	4	7	67	87	27	35	123	376	3265



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## **Sanitary Inspection**

Owing to extraneous duties, the Sanitary Inspectors still find it impossible to carry out routine inspections, the continued restriction on travelling, together with difficulty in obtaining the necessary materials, limit action to urgent cases only.

## **Housing**

Although a few houses are being built for agricultural workers one can only regard the housing position as an ever increasing post war problem. In the urban areas, the war time influx of population results in increased wear and tear in houses not receiving the necessary maintenance and while this aspect may not be so acute in rural areas the absence of skilled labour is having a marked effect. The need for all authorities to consider immediately their post war housing programme is apparent.

## **Rural Water Supplies**

The supplies in the larger urban areas have been adequate during the year as have also those areas served by the schemes of 1935—37. Individual farms have benefited by the grant scheme of the Ministry of Agriculture but many rural localities are without a satisfactory supply. In some of these districts considerable relief would be attained if the supplies provided for the forces were made available to the public.

## **Scavenging**

Only those authorities employing direct labour have been able to maintain a good standard of collection. More remunerative contract work and shortage of labour has drastically reduced the frequency and efficiency in many districts.

## **Sewerage and Sewage Disposal**

It is still virtually impossible to obtain approval for new works or large scale extensions but the well-designed plants have stood up well to capacity loads and skeleton maintenance. Some of the old plants have not done so well, the effluents being much below standard, and when new and efficient schemes are contemplated, redundant service installations might well be considered.

## **Milk (Special Designation) Order, 1936**

There were 14 T.T. and 177 Accredited licences issued during 1943 and of these one Accredited was revoked and two surrendered the licence. Of the 551 samples taken 8 T.T. and 223 Accredited were unsatisfactory while of 22 subjected to biological examination none proved positive. The standard of cleanliness in both Accredited and ordinary herds showed a decline when compared with previous years.

## Food and Drugs Act

In the year under review 719 samples were submitted to the Public Analyst for examination. Of the number examined 32 or 4.4 per cent were found to be adulterated.

The nature of the adulterations and the action taken were as follows:

Nature of sample		Adulteration	Action taken
Milk	...	8 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Dismissed
„	...	4 <sup>0</sup> / <sub>0</sub> extraneous water	Warned
„	...	11 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Fined £2
„	...	6 <sup>0</sup> / <sub>0</sub> extraneous water	Fined £1
„	...	4 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Dismissed
„	...	16 <sup>0</sup> / <sub>0</sub> extraneous water	Dismissed
„	...	6 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Dismissed
„	...	7 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Dismissed
„	...	2 <sup>1</sup> / <sub>2</sub> <sup>0</sup> / <sub>0</sub> extraneous water	Warned
„	...	2 <sup>1</sup> / <sub>2</sub> <sup>0</sup> / <sub>0</sub> extraneous water	Warned
„	...	35 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Fined £2
„	...	25 <sup>0</sup> / <sub>0</sub> deficient in fat	Fined £1
„	...	19 <sup>0</sup> / <sub>0</sub> deficient in fat	Dismissed
„	...	3 <sup>1</sup> / <sub>2</sub> <sup>0</sup> / <sub>0</sub> extraneous water	Warned
Onion Extract	...	No flavour or odour of onions	Warned
Milk	...	24 <sup>0</sup> / <sub>0</sub> extraneous water	Fined £5
„	...	25 <sup>0</sup> / <sub>0</sub> deficient in fat	Fined £1
„	...	20 <sup>0</sup> / <sub>0</sub> deficient in fat ...	No proceedings as sample was incorrectly taken
„	...	38 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Fined £2-2-0
„	...	5 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Fined £1
„	...	12 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Dismissed
„	...	2 <sup>0</sup> / <sub>0</sub> extraneous water	Warned
„	...	7 <sup>0</sup> / <sub>0</sub> extraneous water	Warned
„	...	2 <sup>0</sup> / <sub>0</sub> extraneous water	Warned
„	...	15 <sup>0</sup> / <sub>0</sub> deficient in fat ...	Dismissed
„	...	8 <sup>0</sup> / <sub>0</sub> deficient in fat	Warned
„	...	5 <sup>0</sup> / <sub>0</sub> extraneous water	Warned
Coffee	...	Containing 20 <sup>0</sup> / <sub>0</sub> chicory	Warned
Milk	...	13 <sup>0</sup> / <sub>0</sub> extraneous water	Dismissed
„	...	22 <sup>0</sup> / <sub>0</sub> extraneous water	Dismissed
„	...	10 <sup>0</sup> / <sub>0</sub> extraneous water and 21 <sup>0</sup> / <sub>0</sub> deficient in fat	Fined £5
Sausage	...	Containing sulphur dioxide	Warned

## INFECTIOUS DISEASES

Notified Cases of Infectious Diseases in Urban and Rural  
Districts—1943.

SANITARY DISTRICTS	Total number notified	Diphtheria and Membranous Group	Erysipelas	Scarlet Fever	Typhoid Fever & Paratyphoid	Puerperal Pyrexia	Respiratory Tuberculosis	Other Tuberculous Diseases	Small-pox	Cerebro-spinal Meningitis	Ophthalmia Neonatorum	Pneumonia	Encephalitis Lethargica	Poliomyelitis	Dysentery	Polio-encephalitis	Measles	Whooping Cough
URBAN—																		
Alford .....	2	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Barton-on-Humber .....	229	1	1	9	—	—	8	8	—	—	—	5	—	—	—	—	194	3
Brigg .....	140	—	6	18	—	1	2	2	—	—	1	16	—	—	—	—	82	12
Cleethorpes Borough .....	591	33	5	119	2	2	20	7	—	3	2	27	—	—	—	—	275	96
Gainsborough .....	515	3	12	102	—	—	25	11	—	1	1	36	1	2	—	—	248	73
Horncastle .....	149	4	2	12	—	—	2	1	—	—	—	2	—	—	—	—	109	17
Louth Borough .....	96	—	1	20	—	5	5	2	—	5	—	2	—	—	—	—	56	—
Mablethorpe .....	91	4	—	3	—	—	2	2	—	—	—	1	—	—	—	—	77	2
Market Rasen .....	20	—	3	2	—	—	4	3	—	—	—	1	—	—	—	—	7	—
Scunthorpe Borough .....	1420	61	20	357	1	8	37	12	—	7	3	49	—	2	46	—	764	53
Skegness .....	31	3	—	3	—	3	10	1	—	2	1	—	—	—	—	—	6	2
Woodhall Spa .....	127	—	1	10	—	—	—	—	—	—	—	8	—	—	—	—	86	22
	3411	110	51	655	3	19	116	49	—	18	8	147	1	4	46	—	1904	280
RURAL—																		
Glanford Brigg .....	729	14	11	100	—	2	19	14	—	3	2	25	—	2	—	—	417	120
Caistor .....	289	3	7	53	—	5	3	3	—	—	1	8	—	—	13	—	157	36
Gainsborough .....	163	2	6	19	—	37	11	4	—	—	4	6	—	—	—	1	57	16
Grimsby .....	132	5	—	24	2	—	7	5	—	1	1	2	—	—	—	—	70	15
Horncastle ....	220	—	4	14	—	1	4	—	—	2	—	14	—	—	1	—	148	32
Isle of Axholme .....	136	5	2	16	—	4	5	5	—	—	2	5	—	—	—	—	69	23
Louth .....	248	1	3	54	—	2	14	—	—	—	—	5	—	—	1	—	142	26
Spilsby .....	303	1	1	11	—	2	17	4	—	8	1	5	1	—	2	—	229	21
Welton .....	218	16	1	29	1	1	7	3	—	—	—	7	—	—	1	—	151	1
	2438	47	35	320	3	54	87	38	—	14	11	77	1	2	18	1	1440	290
Total for County	5849	157	86	975	6	73	203	87	—	32	19	224	2	6	64	1	3344	570

The above table shows the incidence of the notifiable infectious diseases in the County. The number notified was 5,849 as against 2,936 in the preceding year. The increase in the number of notified cases as compared with last year is largely due to the increase in the number of cases of measles. Notified cases of this disease numbered 3,344 as compared with 954 in 1942.

Scarlet Fever showed an increase of 365 on last year's figure.



### Diphtheria Immunization

The following table showing the percentage of children immunized has been compiled from returns provided by district councils. No returns have been submitted from Alford Urban or Gainsborough Rural district.

#### PERCENTAGE OF CHILDREN IMMUNIZED

District			Aged 5 years and under	Aged 5—15 years
Barton-on-Humber	U.D.	...	70.8	70
Brigg	U.D.	...	35	75
Cleethorpes	M.B.	...	58.32	79.05
Gainsborough	U.D.	...	65	58.72
Horncastle	U.D.	...	50	54
Louth	M.B.	...	72	96.6
Mablethorpe & Sutton	U.D.	...	70	93
Market Rasen	U.D.	...	40	42.7
Scunthorpe	M.B.	...	67.01	54.7
Skegness	U.D.	...	55	83
Woodhall Spa	U.D.	...	65	75
Caistor	R.D.	...	73	80
Glanford Brigg	R.D.	...	41	60
Grimsby	R.D.	...	54.4	95.9
Horncastle	R.D.	...	47	55
Isle of Axholme	R.D.	...	66.44	78
Louth	R.D.	...	73.2	90
Spilsby	R.D.	...	74.34	74.34
Welton	R.D.	...	29.6	37.7

## Isolation Hospital Accommodation

The County Council is responsible for the provision of Isolation Hospital Accommodation for an area in the north of the County embracing the Borough of Scunthorpe, the Urban Districts of Barton-on-Humber and Brigg, and the Isle of Axholme and Glanford Brigg rural districts. Most of the cases requiring isolation go to the Council's Hospital at Brumby where an additional 18 beds have been provided to meet the increased demand. When beds are not available in the Brumby Hospital cases are admitted to neighbouring Isolation Hospitals where beds can be obtained.

The following table shows the numbers admitted during 1943.

Isolation Cases—1943

Isolation Hospital	Scarlet Fever	Diphtheria	Scarlet Fever & Chicken Pox	Scarlet Fever & Measles	Diphtheria & Chicken Pox	Measles	Measles & Pneumonia	Cerebro-spinal Fever	Whooping Cough & Influenza	Poliomyelitis	Para-typhoid B	Whooping Cough	Pneumonia & Whooping Cough	Dysentery	Other Diseases	TOTAL
Brumby	266	33	4	1	1	6	1	3	1	—	—	—	—	—	9	325
Scartho	26	17	—	—	—	2	—	3	—	1	1	—	—	2	5	57
Doncaster	—	2	—	—	—	—	—	—	—	—	—	1	1	—	1	5
Gainsborough	35	25	—	—	—	—	—	1	—	—	—	—	—	—	1	62
Lincoln	5	3	—	—	—	—	—	1	—	1	—	—	—	—	5	15
Mansfield	7	—	1	—	—	—	—	—	—	—	—	—	—	—	—	8
Worksop	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24
Osgodby	17	7	—	—	—	3	—	—	—	—	—	—	—	—	—	27
TOTAL	380	87	5	1	1	11	1	8	1	2	1	1	1	2	21	523

## Tuberculosis

### Notifications

New cases of Pulmonary Tuberculosis reported during the year numbered 252, of these 203 were formal notifications under the Tuberculosis Regulations. The remainder were reported from various sources. There were also 87 cases of other forms of tuberculosis formally notified and 26 otherwise ascertained.

The following table shows the number of new cases reported from all sources for the years 1933—1943.

Year	New Cases reported	
	Pulmonary	Non-Pulmonary
1933	349	136
1934	331	131
1935	298	120
1936	248	91
1937	242	105
1938	264	118
1939	241	118
1940	230	106
1941	198	118
1942	226	106
1943	252	113

### Deaths from Tuberculosis

Deaths registered during the year as due to tuberculosis numbered 139 as against 112 in 1942. Respiratory tuberculosis was responsible for 106, and other forms of the disease for 33 of the deaths reported. The death rates for the year were therefore .4 for the pulmonary and .12 for non-pulmonary disease. The rates for last year were Pulmonary .32 and for non-pulmonary .08.

Public Health (Tuberculosis) Regulations, 1930

Summary of Notifications during the period from the 1st January, 1943, to the 31st December, 1943

Age Periods	Formal Notifications												Total Notifi- cations
	Number of Primary Notifications of new cases of Tuberculosis												
	0/1	1/5	5/10	10/15	15/20	20/25	25/35	35/45	45/55	55/65	65 and upwards	Total (all ages)	
Pulmonary Males .....	—	1	4	4	11	20	35	11	17	9	5	117	124
Pulmonary Females .....	—	3	4	16	14	11	20	6	6	5	1	86	95
Non-pulmonary Males .....	—	6	18	7	5	4	2	—	1	1	—	44	48
Non-pulmonary Females .....	—	8	10	9	4	2	3	2	1	1	3	43	47

New Cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period otherwise than by formal notification.

Age periods	0/1	1/5	5/10	10/15	15/20	20/25	25/35	35/45	45/55	55/65	65 and upwards	Total Cases
Pulmonary Males .....	—	—	—	—	1	5	11	3	5	1	2	28
Pulmonary Females .....	—	—	—	—	2	6	5	6	1	1	—	21
Non-Pulmonary Males .....	—	2	1	1	—	1	2	—	—	1	—	8
Non-Pulmonary Females .....	2	4	4	—	1	—	4	1	1	—	1	18

## Dispensary Registers

The number of patients diagnosed as suffering from tuberculosis whose names were on the dispensary registers at the end of the year under review was 1,370. This figure was made up as follows:—

PULMONARY				NON-PULMONARY			
Adults		Children		Adults		Children	
Male	Female	Male	Female	Male	Female	Male	Female
419	334	77	86	102	106	126	120
753		163		208		246	
916				454			

## Institutional Treatment

Patients admitted to approved institutions during the year numbered 411 as compared with 380 in 1942. As compared with last year the increase in admissions was 13 in respect of pulmonary tuberculosis and 18 in respect of non-pulmonary disease.

The institutions to which patients were admitted were as follows:

### PULMONARY TUBERCULOSIS

Institution	Adult Males	Adult Females	Children	Total
Branston Hall Sanatorium	—	85	40	125
Brumby Hospital ...	36	—	—	36
Scartho Sanatorium, Grimsby	76	2	—	78
Kelling Sanatorium ...	7	—	—	7
Brompton Hospital ...	—	6	—	6
Creton ...	5	1	—	6
Lincoln County Hospital ...	—	1	—	1
Papworth ...	3	1	—	4
Prestwood ...	1	—	—	1
Louth C.I. ...	1	—	1	2
Addenbrook ...	1	—	—	1
Total	130	96	41	267



## NON-PULMONARY TUBERCULOSIS

Institution	Adult Males	Adult Females	Children	Total
Branston Hall ...	—	—	10	10
Scartho Hospital ...	—	3	5	8
Gringley-on-the-Hill Hospital	—	—	11	11
Harlow Wood Hospital ...	14	8	18	40
Lincoln County Hospital ...	2	1	4	7
Royal Sea Bathing Hospital	3	—	—	3
County Infirmary, Louth ...	9	9	25	43
Scunthorpe Hospital ...	2	3	4	9
St. Vincent's Orth. Hospital, Eastcote, Pinner ...	—	—	1	1
Grimsby Hospital ...	3	1	4	8
Brigg C.I. ...	1	—	1	2
Robt. Jones and Agnes Hunt Hospital, Oswestry ...	1	—	—	1
Manfield Orth. Hospital ...	—	1	—	1
Total	35	26	83	144

**Venereal Diseases**

In addition to those already in operation in the County, Clinics for the treatment of venereal diseases have been opened during the year at Barton-on-Humber, Louth and Skegness and are being well attended. New cases, attending for treatment during the year including Lindsey patients who attended clinics outside the administrative County, numbered 230, seventy-four were found to be suffering from syphilis and 156 from gonorrhoea. The corresponding figures for the previous year were syphilis 59 and gonorrhoea 92. The Pathological Specimens submitted in connection with the diagnosis and treatment of venereal diseases have shown a marked increase. Altogether 6177, specimens were examined as compared with 4,720 in 1942. Of the total examined 3,135 were from treatment centres, 2,236 from hospitals in the county and 806 from private practitioners.

**Defence Regulations—Regulation 33B**

Under this regulation the medical officer of Health can require a person who has been indicated as a source of infection by at least two separate patients under treatment for venereal disease, to undergo examination and if necessary treatment. During the year two notices were received in respect of each of three patients, all of whom attended the treatment centre on being required to do so.

In addition to the above, single notices were received in respect of 22 persons and although there was no obligation on these to attend for examination and treatment, 16 of them did so voluntarily on being approached unofficially.

The result is that altogether 19 patients attended for examination and treatment who but for the provision of this regulation might not have done so.

### Health Education

Arrangements were made for the Central Council of Health Education to organise public lectures &c. on the subject of venereal disease and sex problems in Scunthorpe, Cleethorpes, Louth, Skegness and Barton-on-Humber. A start was made in October and November at Barton-on-Humber and Scunthorpe. With the co-operation of the management talks were given to employees at six of the industrial concerns in Scunthorpe and three at Barton. Films were also shown and pamphlets distributed. A similar programme is being arranged to take place at Cleethorpes and Skegness early in 1944.

### General Hospitals

The number of patients dealt with at the Council's general hospitals at Brigg and Louth was as follows:—

		Admissions	Births	Discharges	Deaths
County Infirmary, Brigg	P.H.	445	70	467	63
	E.M.S.	8	—	8	—
County Infirmary, Louth	P.H.	1174	156	1082	93
	E.M.S.	840	—	856	8

(P.H.—Public Health. E.M.S.—Emergency Medical Service).

### Blind Persons Act, 1920

The number of registered Blind persons in the County is now 409 of which 201 are males and 208 females. The age groups of those registered are as follows:

5 yrs.	5-16	16-21	21-50	50-70	70 and over
1	12	7	82	131	176

### Cancer

Deaths registered as due to cancer number 466. This is a reduction of 25 on the previous year's figure.

Maintenance of cancer patients in general hospitals was undertaken by the County Council as from the 1st June. Since that date responsibility for 117 cases have been accepted.

The number of patients from Lindsey admitted to the Radio-therapy Centre at Scunthorpe was 161.

## Mental Deficiency

The following is a summary of the mental defectives on the County Register at the end of 1943.

### (A) Number of Cases "Subject to be dealt with"

#### 1. Under 'Order':—

(a)	(1)	In Institutions. (excl. cases on Licence)			
		Under 16 years of age .....	20	10	30
		Aged 16 years and over .....	142	172	314
	(2)	On Licence from Institutions			
		Under 16 years of age .....	1	—	1
		Aged 16 years and over .....	23	28	51
(b)	(1)	Under Guardianship. (Excl. cases on licence.)			
		Under 16 years of age .....	—	—	—
		Aged 16 years and over .....	9	14	23
	(2)	On Licence from Guardianship.			
		Under 16 years of age .....	—	—	—
		Aged 16 years and over .....	—	—	—

#### 2. In "places of safety":—

Under 16 years of age .....	—	—	—
Aged 16 years and over .....	—	—	—

3. Under Statutory Supervision of whom 11 males and 9 females are awaiting removal to an institution .....	159	153	312
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#### 4. Action not yet taken under any one of the above headings.

(a)	Notified by Local Education Authorities (Sec. 2 (2).)	—	—	—
(b)	Mental Defectives in receipt of Poor Relief:—			
	(1) In Institutions .....	7	9	16
	(2) Domiciliary .....	—	—	—
	(3) Otherwise 'ascertained' .....	3	3	6

### (B) Number of Cases who may become "Subject to be dealt with."

#### 1. In Institutions or under Guardianship dealt with under Sec. 3:—

(a)	In regard to whom the Local Authority contributes under its permissive powers	2	—	2
(b)	Maintained wholly by parents, relatives or others .....	—	1	1

2. *Reported to the Local Authority from any reliable source but as to whom no action has been taken	160	108	268
Of these 11 males and 8 females are under voluntary supervision.			

3. In Institutions but not under the Mental Deficiency Act .....	73	41	114
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TOTAL ..	599	539	1138
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\*Includes 11 cases awaiting classification.



## **Maternity and Child Welfare**

### **Midwifery**

The number of midwives practising in the Administrative County at the end of the year was 170, 119 as district midwives and 51 in institutions. Of those doing domiciliary midwifery 95 were employed under arrangements with the County Nursing Association. Two were employed direct by the County Council. The remainder were in private practice. Thirty-seven of those working in institutions were the direct employees of the County Council. Before the war there were 140 domiciliary midwives practising in the County. The reduction is therefore considerable. It has been found necessary to amalgamate 4 of the domiciliary midwives districts. Changes have been frequent during the year and the greatest difficulty has been experienced in finding reliefs. Districts at different times and for varying periods have been without the services of a midwife.

During 1943 the district midwives attended 3,129 cases as compared with 2,880 in the preceding year.

### **Ante-Natal Care**

Expectant mothers attending ante-natal clinics for examination numbered 3,598 as against 3,306 in 1942. In addition 36 patients were examined in their own homes by private medical practitioners on behalf of the County Council.

### **Maternity Homes**

The County Council has provided in their maternity homes and other institutions 70 beds for maternity cases. This number is inadequate to meet the present demand and steps have been taken to increase the beds at the Scunthorpe Maternity Home by 16 and at the Cleethorpes home by 11. It is anticipated that these additional beds will be available in 1944. They should enable between 500 and 600 additional cases to be dealt with annually.

Particulars of maternity cases admitted to the Council's institutions and to the Gate Burton Emergency Home as are follows:

Institution	No. of admissions	Average Stay in days	Cases Delivered		Infant Deaths		Maternal Deaths
			By Doctors	By Mid-wives	Still Born	Died within 10 days of birth	
Cleethorpes Maternity Home	446	14	104	308	14	7	—
Gainsborough Maternity Home	195	14	53	129	3	2	—
Gate Burton Emergency Maternity Home	725	14	53	624	14	4	2
Scunthorpe Maternity Home	765	13	92	625	23	12	1
County Infirmary, Brigg	69	14	14	55	4	4	1
County Infirmary, Louth	201	22	31	153	9	8	4
Spilsby Public Assistance Institution	3	—	—	3	—	—	—

In addition to those shown in the foregoing table 133 patients, mostly cases of abortion or miscarriage were admitted through arrangements made by the County Council, to voluntary hospitals or to institutions belonging to other authorities.

## Home Helps

The Maternity and Child Welfare Committee decided to employ a number of whole time "home helps" who would be available to assist with the domestic work of the home during the lying-in period but so far it has not been found possible to find suitable persons willing to undertake these duties.



## Infant Welfare

There has been no material change in the arrangements provided by the Maternity and Child Welfare Committee for the care and supervision of children under 5 years of age. The total attendances at the welfare centres numbered 52,052 of which 35,981 were made by infants under the age of one year. The number attending for the first time during 1943 was 2,930 of which 2,523 were under one year of age.

The health visitors made 31,630 visits to the homes of infants under a year and 29,246 to those over that age.

They also continued to act as Infant Life Protection Visitors under the Public Health Act 1936 and in this connection 354 visits in respect of 55 children were made during the year.

W. S. H. CAMPBELL,

County Medical Officer.



